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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNET'S DOCKET NUMBER
FR-AM1898 NP

U.S. APPLICATION NO. (If 1902 0 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 05 November 2002 (5.11.2002) PCT/FR2003/003266 03 November 2003 (3.11.2003) TITLE OF INVENTION PROCESS FOR THE SYNTHESIS OF POLYDIMETHYLKETENE BY CATIONIC POLYMERIZATION OF THE FRIEDEL-CRAFTS TYPE OF DIMETHYLKETENE APPLICANT(S) FOR DO/EO/US LINEMANN, Reinhard, et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. X has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Améndments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76.

20. Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT,

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

JC06 Rec'd PCT/PTO 05 MAY 2005

PTO-1390 (Rev. 02-2005) proved for use through 3/31/2007. OMB 0651-0021
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INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) ATTORNEY'S DOCKET NUMBER PCT/FR2003/003266 FR-AM1898 NP CALCULATIONS PTO USE ONLY 21. 🔀 Basic national fee \$300 300.00 Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of 200.00 PCT Article 33(1)-(4)......\$100 All other situations..... 23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 400.00 International Searching Authority......\$100 International Search Report prepared and provided to the Office......\$400 All other situations.....\$500 900.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **RATE Total Sheets** Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) -78 <sub>/50\_=</sub> 0.00 -22 \$ - 100 = x \$250 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ 0.00 claimed priority date (37 CFR 1.492(h)). **CLAIMS** NUMBER FILED **NUMBER EXTRA** RATE \$ - 20 = x \$50 \$ Total claims 0.00 0 13 \$ 0.00 Independent claims - 3 = 0 \$200 3 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360 0.00 **TOTAL OF ABOVE CALCULATIONS =** 900.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. 0.00900.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ 0.00 claimed priority date (37 CFR 1.492(i)). 900.00 TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied 0.00by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = 900.00 Amount to be \$ refunded: Amount to be \$ charged: \_\_\_ to cover the above fees is enclosed. A check in the amount of \$ Please charge my Deposit Account No. 01-2717 in the amount of \$ 900.00 to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2717 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Thomas F. Roland Arkema Inc. Thomas F. Roland 2000 Market St., 26th Floor NAME Philadelphia, PA 19103 REGISTRATION NUMBER

CERTIFICATE OF MAIL G BY "EXPRESS MAIL" (37 CFR 1 Docket No. Applicant(s): LINEMANN, R. FR-AM 1898 NP Application No. Filing Date Examiner Customer No. Group Art Unit Not yet assigned Herewith Not yet assigned 31684 N/A Invention: PROCESS FOR THE SYNTHESIS OF POLYDIMETHYLKETENE BY CATIONIC POLYMERIZATION OF THE FRIEDEL-CRAFTS TYPE OF DIMETHYLKETENE I hereby certify that the following correspondence: Certificate of Express Mailing; Transmittal Letter (in dup.); Premilinary Amendment; English Translation; Substitute Specification; Unexecuted Decl. & Pwr. of Attorney; Information Disclosure Statement w/attached Form PTO 1449 and references cited therein (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 5, 2005 (Date) Carol F. Hill (Typed or Printed Name of Person Mailing Correspondence) EV 601202062 US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.